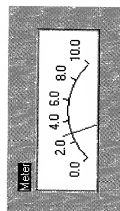
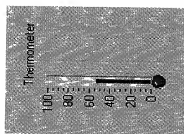


FIG. 1
(PRIOR ART)

005121'6592E60



2/24

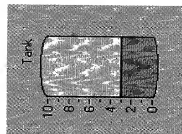
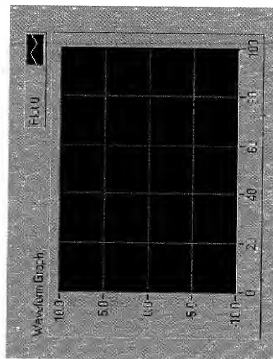


FIG. 2
(PRIOR ART)



FIG. 3B

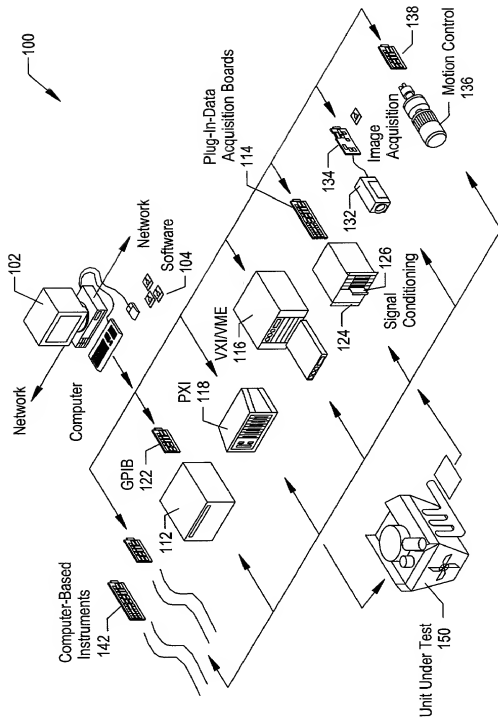


FIG. 4A

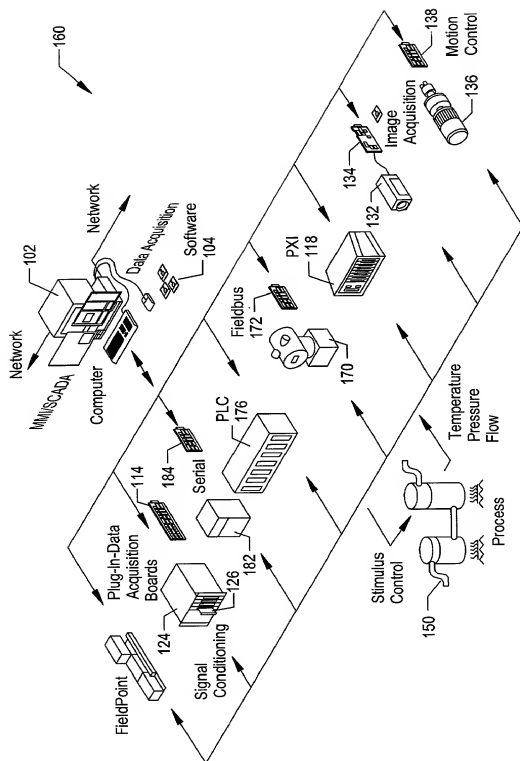


FIG. 4B

12 →

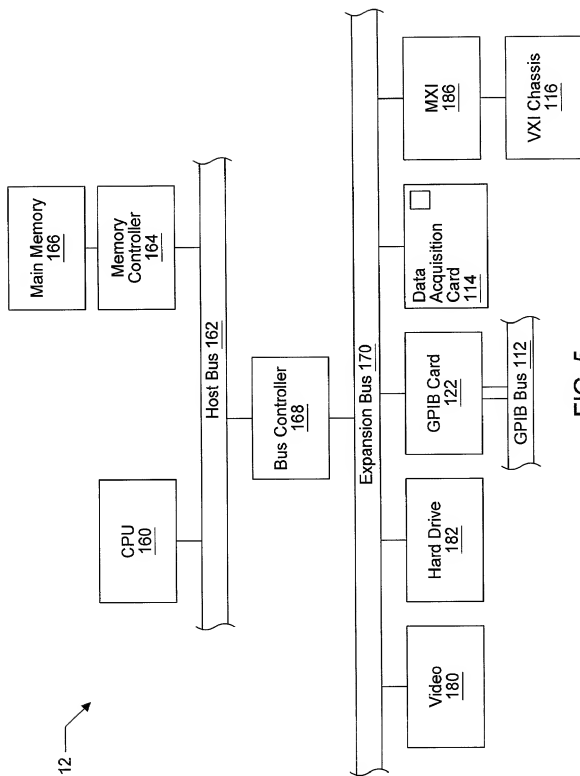


FIG. 5

8/24

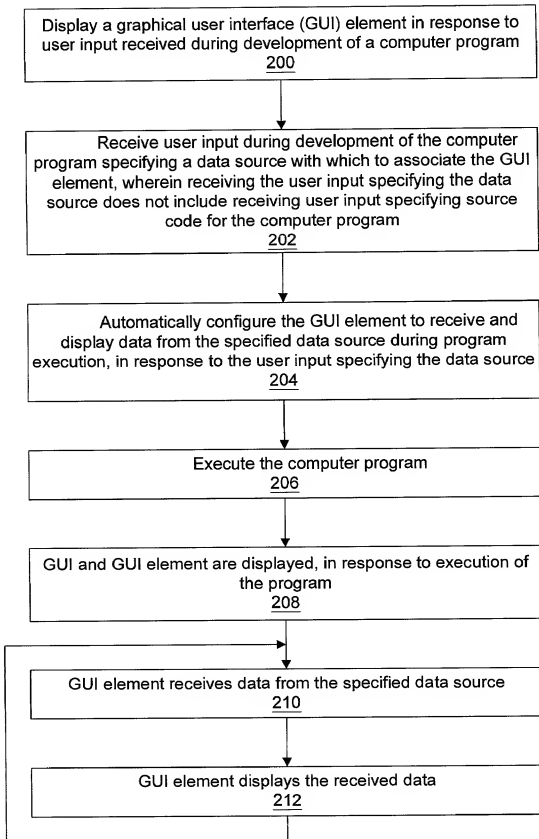


FIG. 6

9/24

Step 202

Developer invokes a user interface dialog box for specifying
data connection information for the GUI element
250

Developer chooses a "subscribe" option for the data
connection type
252

Developer specifies the data source, such as a DataSocket
server, an HTTP server, an FTP server, an SNMP server,
an OPC server, a file, etc.
254

Developer applies information specified via dialog box
256

FIG. 7

09737639.121300

10/24

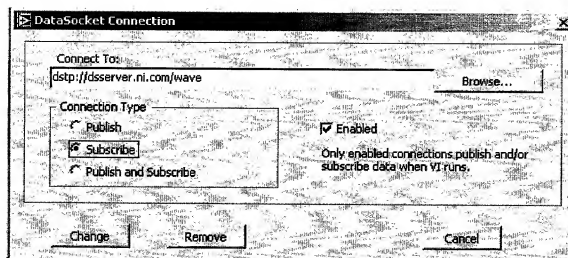


FIG. 8

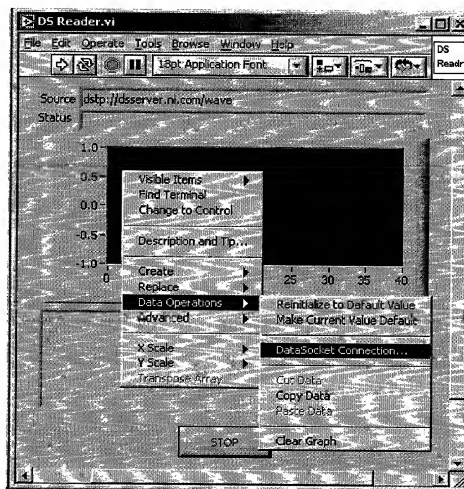


FIG. 9

09737639.121300

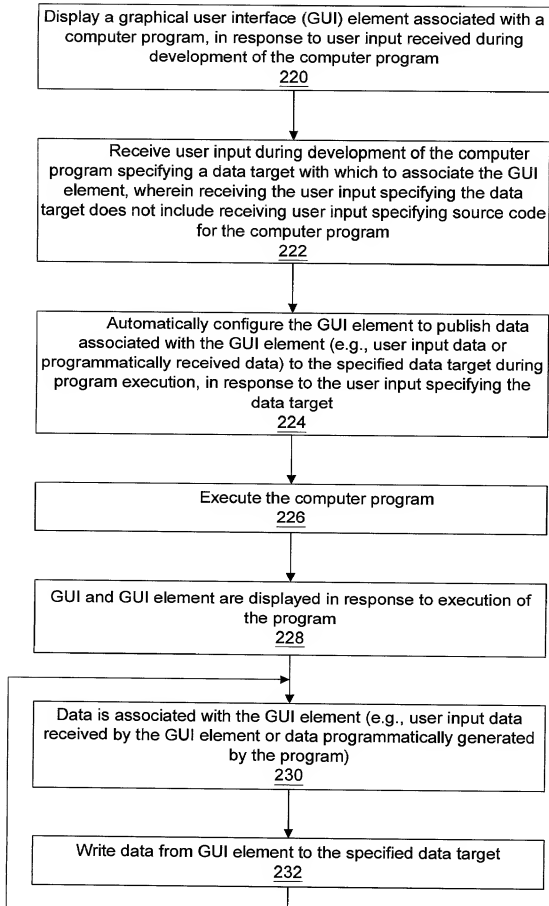


FIG. 10

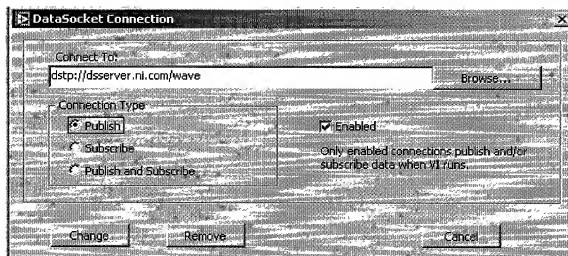


FIG. 11

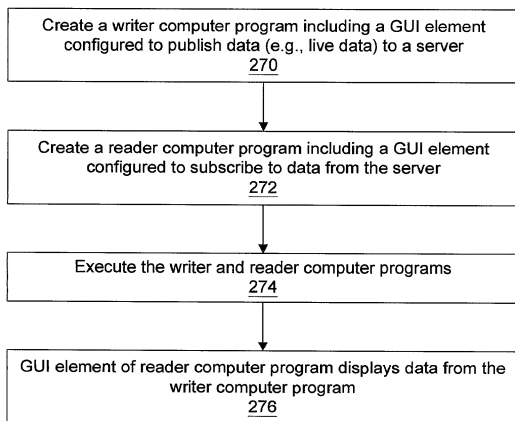


FIG. 12

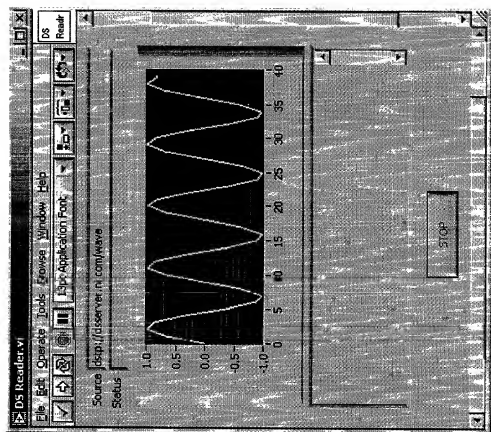


FIG. 14

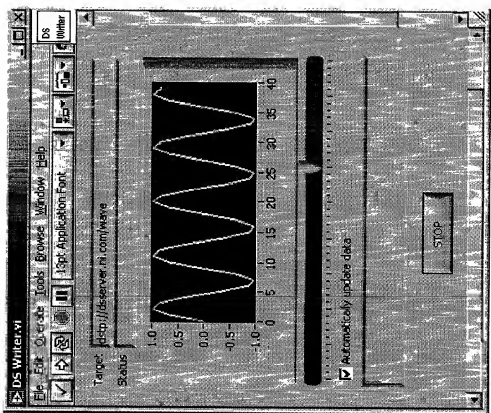


FIG. 13

All we need to do is to keep VI running.

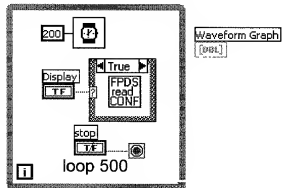


FIG. 15

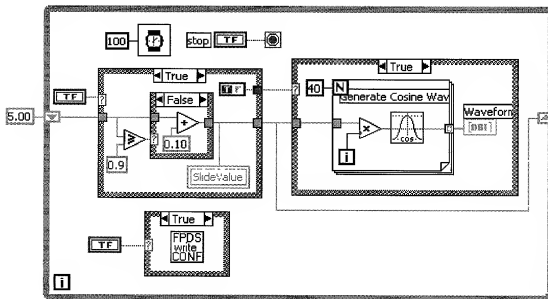


FIG. 16



057303-12100

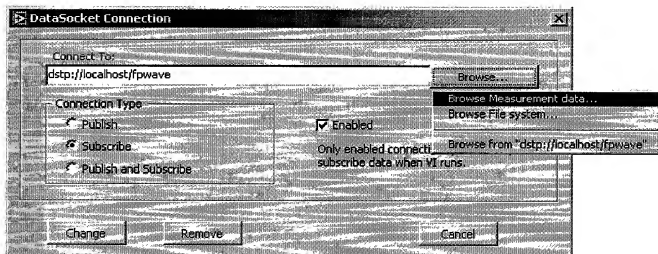


FIG. 18

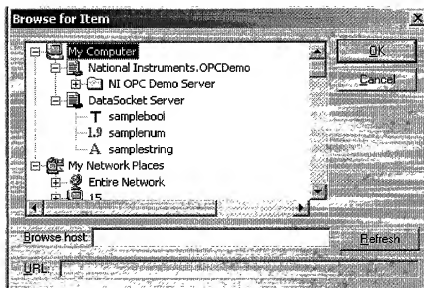


FIG. 19

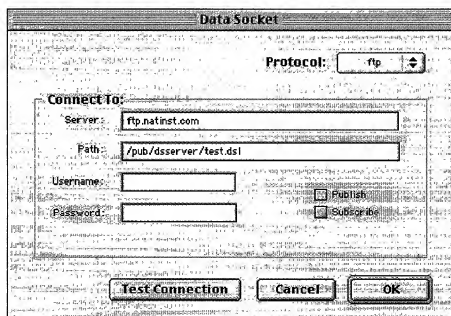


FIG. 20



status indicator
520

FIG. 21

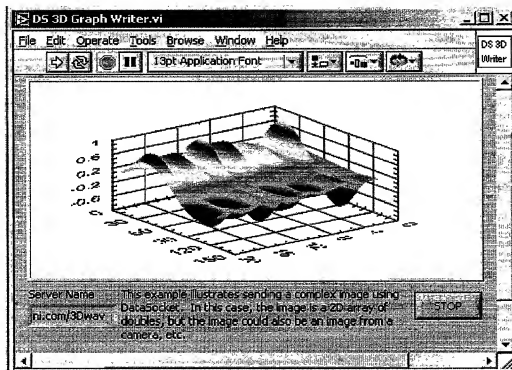


FIG. 22

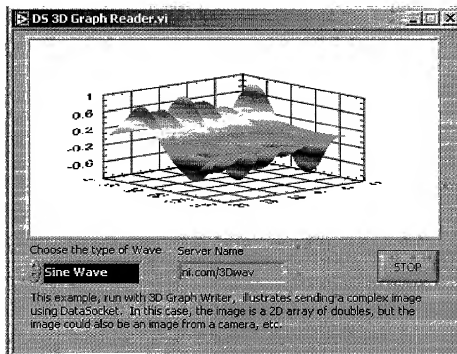


FIG. 23

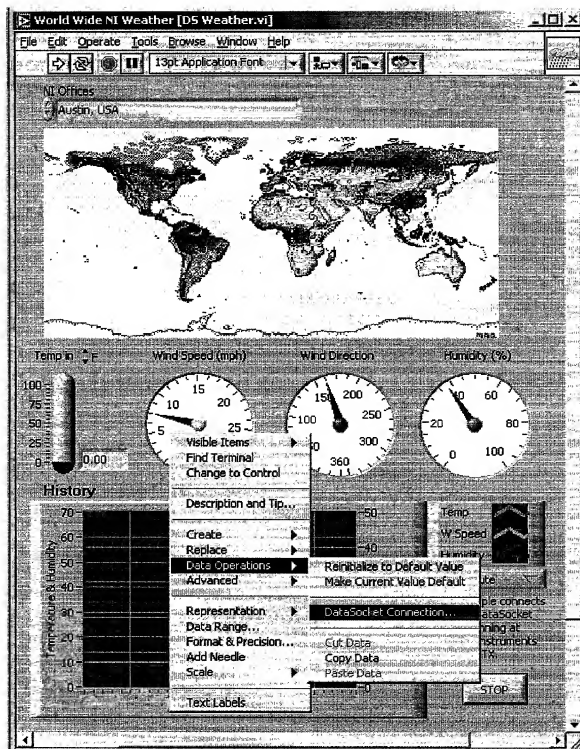


FIG. 24

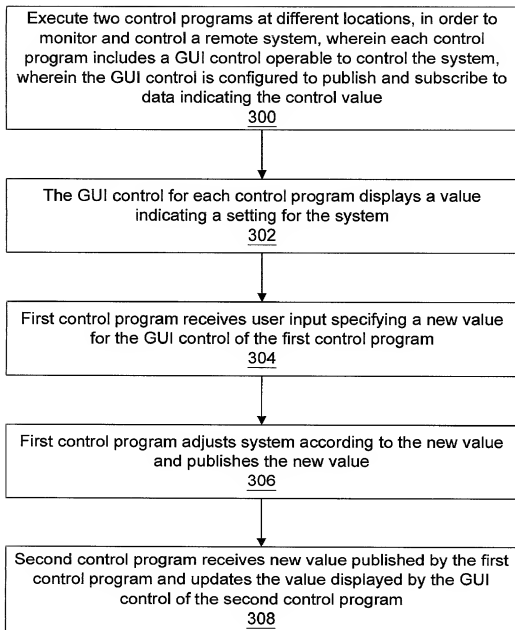


FIG. 25

Many applications
can connect to the
same source



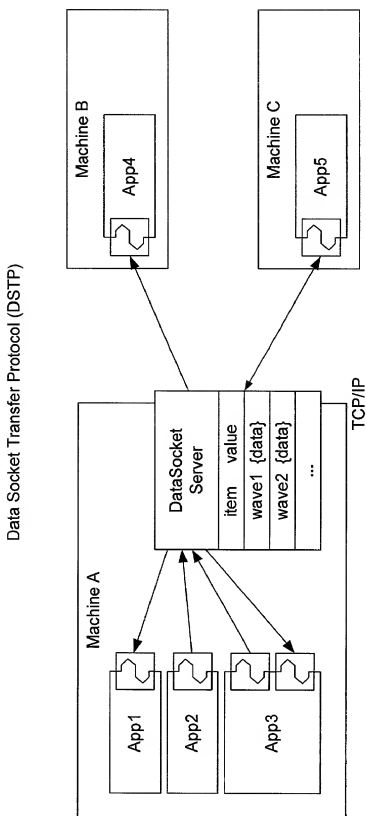


Fig. 27

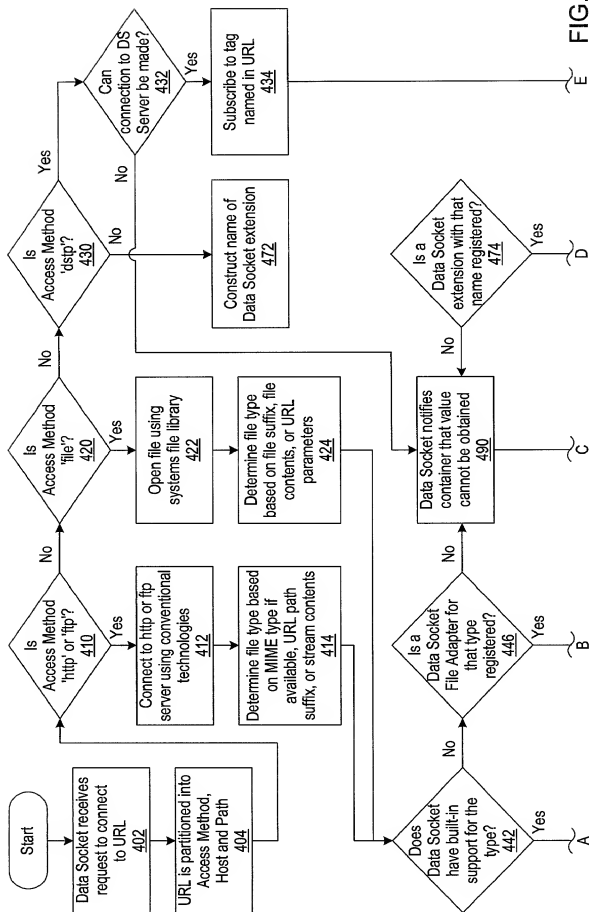


FIG. 28A

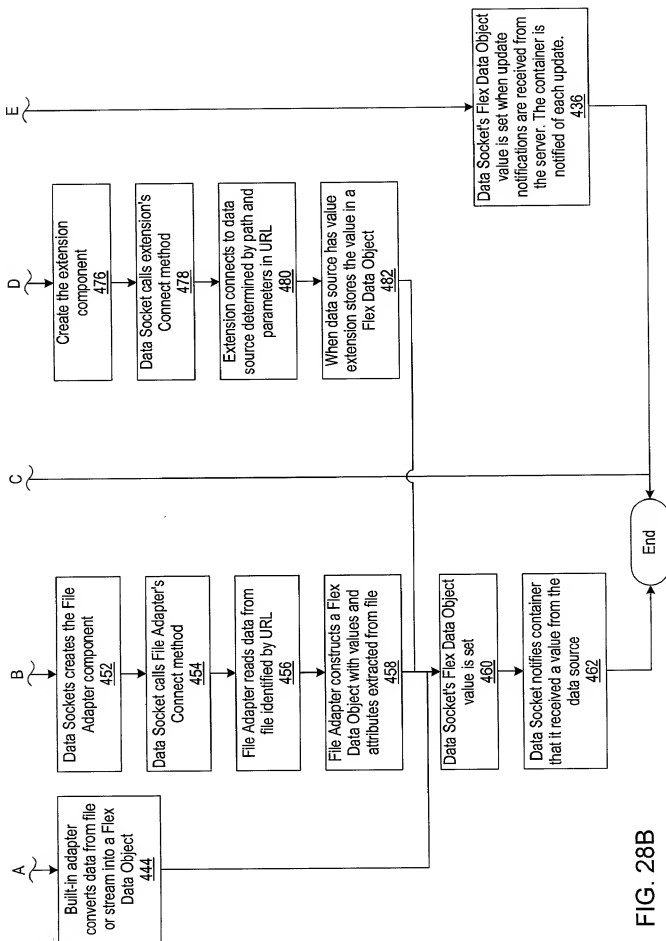


FIG. 28B

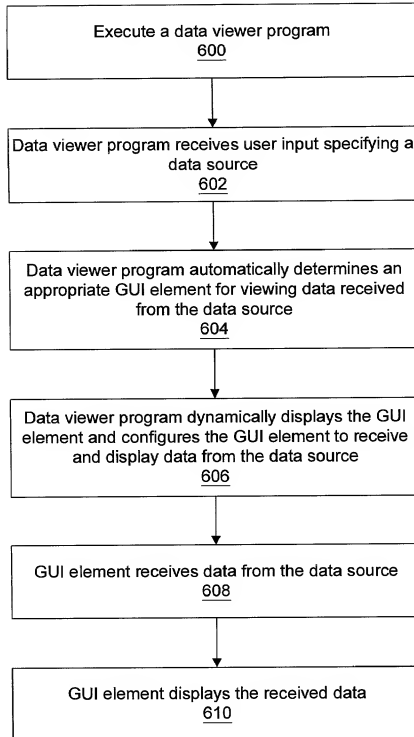


FIG. 29